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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Perfect score:
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Published Applications NA:*

1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*
2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
3: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*
4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*
5: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*
6: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*
7: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
9: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
10: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq:*
11: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq:*
12: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq:*
13: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq:*
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15: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq:*
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18: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
19: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
19: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
10: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
11: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
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Gapop 10.0 , Gapext 1.0
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Copyright (c) 1993 - 2004 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

0000	Result
1 2 3 5 6 6 7 7 9 9 11 11 11 11 11 11 11 11 11 11 11 11	No.
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Score
	Query Match
1224 1305 1326 1726 1794 1941 3574 3574 3578 2678 2678 2678 16688 16688 16688 16688 16688	Query Match Length DB
14 12 12 15 14 14 14 12 12 12 12	BIG
US-10-203-708-16 US-10-203-708-17 US-10-257-174-24 US-10-120-988-262 US-10-148-143-3 US-10-247-451-20 US-10-247-451-20 US-10-342-103-15 US-10-342-103-15 US-10-247-451-22 US-10-247-451-22 US-10-221-714A-277 US-10-221-714A-79 US-10-221-714A-309	ID
Sequence 16, Appl Sequence 17, Appl Sequence 24, Appl Sequence 24, Appl Sequence 3, Appli Sequence 20, Appl Sequence 20, Appl Sequence 11, Appl Sequence 15, Appl Sequence 22, Appl Sequence 22, Appl Sequence 277, Appl Sequence 277, Appl Sequence 379, App Sequence 379, App Sequence 379, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 379, Appl	Description

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ALIGNMENTS

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QY 633 TGCGTCGATGAAGGAGGGTAAAGGTACCAGGTTCCGATGTCAGATTTAAACGCCCCACA	Db 253 TGTGGCGAGGATGGCTCTTTACCCCAGGTGCCATACTTACACTGGGTACTGCTGG	Qy 573 TGTTTAGAAGATGGATCATATAACCCAGTACAGTGCTGGCCTAGCACAGGATACTGTTGG	Db 193 GAGCGGGCTCAAGCCCTGGAGCAAGCAAGCCTCAGGAAGCTGTGTTTGTCCCAGAG	QY 513 GAGGAAGCTCGAATCAAGGCGCATTCAAACAGTCTTCGTGTTGAGATGTTCGTGCCAGAG	vative 0; Mismatches 91;	٠.	US-10-203-708-16	; ORGANISM: Homo sapiens	; LENGTH: 1224 ; TYPE: DNA	; SUFIWARE: FastSEQ for Windows Version 3.0 ; SEQ ID NO 16	; NUMBER OF SEQ ID NOS: 46	; PRIOR FILING DATE: 2000-02-29	FILING DATE		; PRIOR FILING DATE: 2001-02-14	; PRIOR APPLICATION NUMBER: POT/Heat/04703	CURRENT APPLICATION NUMBER: US/10/203,708	; FILE REFERENCE: GP50013	; TITLE OF INVENTION: NOVEL COMPOUNDS	; APPLICANT: SMITHKLINE BEECHAM CORPORATION	; GENERAL INFORMATION:	; Sequence 16, Application US/10203708 ; Publication No. US20030149238A1	RESULT 1 US-10-203-708-16
AGATTT	TACACI	AGCACA	GCTGT	GAGATO	Indels	Length 1224;																	
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                                                                                                                                                                                                                                                                                                Sequence 24, Application US/10257174 Publication No. US20040034194A1
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PRIOR APPLICATION NUMBER: PCT/USO1/04703
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: 60/182,172
PRIOR FILING DATE: 2000-02-14
PRIOR FILING DATE: 2000-02-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FastSEQ for Windows Version 3.0
                                                    PRIOR APPLICATION NUMBER: PCT/US01/11797 PRIOR FILING DATE: 2001-04-11
                                                                                           CURRENT APPLICATION NUMBER: US/10/257,174
CURRENT FILING DATE: 2002-10-10
                                                                                                                                     TITLE OF INVENTION: NOVEL COMPOUNDS FILE REFERENCE: GP50022
                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                       APPLICANT: Agarwal, Pankaj
APPLICANT: Murdoch, Paul R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Homo sapiens
                PRIOR APPLICATION NUMBER: 60/196,603 PRIOR FILING DATE: 2000-04-13
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PRIOR APPLICATION NUMBER: 60/199,417
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Smith, Randall F.
Xiang, Zhaoying
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NUMBER OF SEQ ID NOS: 48
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 24
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US-10-120-988-262
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NUMBER OF SEQ ID NOS: 441
SOFTWARE: pt_FL_genes Version 2.0
SEQ ID NO 262
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Best Local Similarity 54.5%;
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APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. US20030219745Alel Nucleic Acids and
TITLE OF INVENTION: Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/120,988
CURRENT FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: 09/774,528
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 802CON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH: 1326
                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 1771
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          633 TGCGTCGATGAAGGAGGGTAAAGGTACCAGGTTCCGATGTCAGATTTAAACGCCCCACA 692
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Ren, Feiyan
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o. US20030219745A1
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Pred. No. 0.00035;
0; Mismatches 91;
                                                                                                                                                                                                                                       0;
                                                                                                                                                                                                                                     Score 54.4; DB 15;
Pred. No. 0.00041;
0; Mismatches 91;
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CURRENT APPLICATION NUMBER: US/10/247,451
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 09/642,703
PRIOR FILING DATE: 2000-03-03
PRIOR PRIOR APPLICATION NUMBER: 09/349,015
PRIOR APPLICATION NUMBER: 09/349,015
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: 09/840,787
PRIOR FILING DATE: 2000-10-04-23
PRIOR FILING DATE: 2000-10-17
PRIOR FILING DATE: 2000-10-17
PRIOR FILING DATE: 2000-10-17
                                                                                                                                                                                                                                                                                                                                                                                 Sequence 20, Application US/10247451 Publication No. US20030118579A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                   APPLICANT: Walker, Michael G.
APPLICANT: Krasnow, Randi E.
APPLICANT: Muzry, Lynn E.
TITLE OF INVENTION: SPARC-RELATED PROTEINS
FILE REFERENCE: PC-0015-1 CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 3, Application US/10458143
publication No. US20040009950A1
GENERAL INFORMATION:
APPLICANT: Garcia, Pablo D.
TITLE OF INVENTION: SECRETED HUMAN PROTEINS
FILE REFERENCE: 1571.003/200130.510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches 109; Conservative
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Best Local Similarity
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NAME/KEY: CDS
LOCATION: (262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/458,143
CURRENT FILING DATE: 2003-06-09
PRIOR APPLICATION NUMBER: PRIOR APPLICATION: US/09/546,309
PRIOR FILING DATE: 2000-04-10
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo sapiens
                  FILING DATE:
                           APPLICATION NUMBER: 5,932,442
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APPLICANT: Krasnow, Randi E.
APPLICANT: Krasnow, Randi E.
APPLICANT: MUXTY, Lynn E.
TITLE OF INVENTION: SPARC-RELATED PROTEINS
FILE REFERENCE: PC-0015-1 CIP
CURRENT APPLICATION NUMBER: US/10/247,451
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 09/642,703
PRIOR APPLICATION NUMBER: 09/349,015
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CORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20030118579A1 6899373
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SEQ ID NO 20
LENGTH: 3574
                                                                                                     Matches
                                                                                                                                            Query Match
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                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 5,932,442
PRIOR FILING DATE: 1999-08-03
NUMBER OF SEQ ID NOS: 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 09/840,787
PRIOR FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: 6,132,973
PRIOR FILING DATE: 2000-10-17
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Best Local Similarity
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                                                                                                                                                                                            NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20040018188A9 6899373
                                                                                                                                                                                                                                                          ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                     TYPE: DNA
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449 GAGCGGGCTCAAGCCCTGGAGCAAGCCAAGAAGCCTCAGGAAGCTGTGTTTGTCCCAGAG
                                    513 GAGGAAGCTCGAATCAAGGCGCATTCAAACAGTCTTCGTGTTGAGATGTTCGTGCCAGAG 572
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                                                                                                                       Similarity
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                                                                                    Score 54.4; UB 15;
Pred. No. 0.00062;
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Pred. No. 0.00062;
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SEQ ID NO 3

TYPE: DNA JENGTH: 1941

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 11, Application US/10342103 Publication No. US20030148359A1
                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Moczydlowski et al.
TITLE OF INVENTION: SAXITOXIN DETECTION AND ASSAY METHOD
FILE REFERENCE: YU-POI-009
                                                                                                                                                                                                                                                                                                                                                           Sequence 15, Application US/10342103 Publication No. US20030148359A1
                                                                                                                                                       SEQ ID NO 15
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PRIOR FILING DATE: 2002-01-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/342,103
CURRENT FILING DATE: 2003-01-13
Query Match 5.9%; Score 52.6; DB 14; Length 2678; Best Local Similarity 64.2%; Pred. No. 0.0016; Matches 79; Conservative 0; Mismatches 44; Indels 0;
                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/342,103
CURRENT FILING DATE: 2003-01-13
PRIOR APPLICATION NUMBER: 60/346086
PRIOR FILING DATE: 2002-01-11
                                                                                                                                                                        NUMBER OF SEQ ID NOS: 18 SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                      APPLICANT: MOCZYÓLOWSKÍ ET AL.
TITLE OF INVENTION: SAXITOXIN DETECTION AND ASSAY METHOD
FILE REFERENCE: YU-P01-009
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Rana catesbeiana
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                                                                                                  ORGANISM: Rana catesbeiana
                                                                                                                   TYPE: DNA
                                                                                                                                   ENGTH: 2678
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Pred. No. 0.0016;
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US-10-247-451-22
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                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Incyte ID No. US20030118579A1 6898356H1 US-10-247-451-22
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                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PERL Program SEQ ID NO 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Walker, Michael G.
APPLICANT: Krasnow, Randi E.
APPLICANT: MOTTY, Lynn E.
TITLE OF INVENTION: SPARC-RELATED PROTEINS
FILE REFERENCE: PC-0015-1 CIP
CURRENT APPLICATION NUMBER: US/10/247,451
CURRENT FILING DATE: 2002-09-18
                                                                                                                                                                                                                 Query Match
Best Local
                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 09/840,787
PRIOR FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: 6,132,973
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 5,932,442
PRIOR FILING DATE: 1999-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 09/642,703
PRIOR FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: 09/349,015
PRIOR FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 41
                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 462
                                                                                                                                                                                                                Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 448 ATGGCAGCÁCTGGGCACTGCTGGTGTTAACGCAATGGGTGAAAAGATTTCTGGÁACAA 507
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  388
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               205 GGGGATCGACTGGTTACTGTTGGTGTGTGGATGAAGATGGAAAAGAGATTCTAGGAACCA 264
                                                                                                                              161 GAGCGGGCTCAAGCCCTGGAGCAAGCCAAGAAGCCTCAGGAAGCTGTGTTTGTCCCCAGAG
                                                                                                                                                              513 GAGGAAGCTCGAATCAAGGCGCATTCAAACAGTCTTCGTGTTGAGATGTTCGTGCCAGAG
281
                             633
                                                             221 TGTGGCGAGGATGGCTCCTTTACCCAGGTGCAGTGCCATACTTACACTGGGTACTGCTGG
                                                                                         573 TGTTTAGAAGATGGATCATATAACCCCAGTACAGTGCTGGCCTAGCACAGGATACTGTTGG
                                                                                                                                                                                                 80;
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TGTGTC 286
                               TGCGTC 638
                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                   5.9%;
63.5%;
                                                                                                                                                                                                     0;
                                                                                                                                                                                                                     Score 52.4; DB 14
Pred. No. 0.00068;
                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                      DB 14;
                                                                                                                                                                                                       46;
                                                                                                                                                                                                                                      Length 462;
                                                                                                                                                                                                        Indels
                                                                                                                                                                                                          0;
                                                                                                                                                                                                          Gaps
                                                                                                                                           220
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                                                                          280
                                                                                                           632
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GENERAL INFORMATION:
APPLICANT: Malker, Michael G.
APPLICANT: Krasnow, Randi E.
APPLICANT: Murry, Lynn E.
APPLICANT: Murry, Lynn E.
TITLE OF INVENTION: SPARC-RELATED PROTEINS

US-10-247-451-22

Sequence 22, Application US/10247451 Publication No. US20040018188A9

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CURRENT APPLICATION NUMBER: US/10/221,714A
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: PCT/EP01/02955
PRIOR FILING DATE: 2001-03-15
PRIOR APPLICATION NUMBER: DE 10013847.0
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
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US-10-221-714A-277/c
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                                                                                                                     SEQ ID NO 277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 277, Appropriate Publication No.
                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: DE 10019173.8 PRIOR PILING DATE: 2000-04-07 PRIOR APPLICATION NUMBER: DE 10032529.7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                    NUMBER OF SEQ ID NOS:
                                                                                                                                                         PRIOR APPLICATION NUMBER: DE 10043826.1 PRIOR FILING DATE: 2000-09-01
                                                                                                                                                                                                 PRIOR FILING DATE: 2000-06-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, CI
APPLICANT: BERLIN, Kurt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 22
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 5013.1005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Diagnosis of Diseases Associated with
                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 5,932,442
PRIOR FILING DATE: 1999-08-03
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PERL Program
                                                                                TYPE: DNA
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PRIOR PEPLICATION NUMBER: 09/840,787
PRIOR PTLING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: 6,132,973
PRIOR FILING DATE: 2000-10-17
PRIOR PRIOR APPLICATION NUMBER: 6,132,973
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Incyte ID No. US20040018188A9 6898356H1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 09/642,703
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2000-03-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH: 462
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      513 GAGGAAGCTCGAATCAAGGCGCATTCAAACAGTCTTCGTGTTGAGATGTTCGTGCCAGAG 572
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              281 TGTGTC 286
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                                                                                                 16688
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TGTTTAGAAGATGGATCATATAACCCAGTACAGTGCTGGCCTAGCACAGGATACTGTTGG 632
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GAGCGGGCTCAAGCCCTGGAGCAAGCCAAGAAGCCTCAGGAAGCTGTGTTTGTCCCAGAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PIEPENBROCK, Christian BERLIN, Kurt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/10221714A
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Pred. No. 0.00068;
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; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-221-714A-379
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                                                                                                                                                                                                                                                                 Matches 103;
                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 379
LENGTH: 8420
                                                                                                                                                                                                                                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: DE 10013847.0 PRIOR FILING DATE: 2000-03-15 PRIOR APPLICATION NUMBER: DE 10019058.8 PRIOR FILING DATE: 2000-04-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: OLEK, Alexander APPLICANT: PIEPENBROCK, C APPLICANT: BERLIN, Kurt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches 114;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: DE 10019173.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/221,714A
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: PCT/EP01/02955
PRIOR FILING DATE: 2001-03-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: DE 10032529.7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Diagnosis of Diseases Associated with TITLE OF INVENTION: tumor suppressor genes and oncogenes
                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                Y Match 5.6%;
Local Similarity 53.6%;
7492 Айлайййладайласайлааталалайдастсаасбалалайаталадасйййсбалса 7433
                                  817 TCTGCATGTAGTTAACAGAAAACAATCTCAACTAGAAATAAAGACTACGGTAATAATGAC 876
                                                                                                                     757 АТААААТGTTAAAATATTTCTCAATTCGGCTGTGATATATTTTTTTCCAAGATAATTTAA 816
                                                                                                                                                                                                          697 AAGAAAAACACAGTGAACAAAGTGGCTAGTTTCCAGATCGAAAATAACTACAAAGGATTA 756
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3781 СТАВАААААССААТТСССТААСАСТААААТТААВААДААА 3741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3841 АТТАЛАДААТТТТССЯДАДАЛАДАДАЛАТАТАЛАДССАДАДАДАДАДАДАДТАССТАТАДА 3782
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3901 ATAĀACTAAĀĀCCTĀĀAAĀCTĀĀAAĀACGGGGĀĀĀAAĀAĀĀĀTĀCGAACGCTAAACGCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     848 СТАСАЛАТАЛАСАСТАСССТАЛТАЛТСАСДАЛАЛАЛАЛАЛА 888
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   788 TGTGATATATTTTTCCAAGATAATTTAATCTGCATGTAGTTAACAGAAAACAATCTCAA 847
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    728 TCCAGATCGAAAATAACTACAAAGGATTAATAAATGTTAAAATAATTTCTCAATTCGGC 787
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       668 CGATGTCAGATTTAAACGCCCCACATGCTAAGAAAAACACAGTGAACAAAGTGGCTAGTT 727
                                                                                СБАСАЛААЛАСТАЛАЛСССТАЛАЛАЛАЛАЛАЛАЛАСGAЛАТЛАЛАЛАЛАССТССТАЛСТТСТА 3902
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PIEPENBROCK, Christian
BERLIN, Kurt
                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                            0;
                                                                                                                                                                                                                                                    Score 49.6; DB 12; Length 8420;
Pred. No. 0.021;
0; Mismatches 89; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 49.8; DB 12;
Pred. No. 0.027;
0; Mismatches 107;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 12; Length 16688;
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                                                                                                                                                                                                                                                      0;
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US-10-312-841-2/c
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; LOCATION: (379615)
US-10-312-841-2
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US-10-221-613-309/c
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APPLICANT: Epigenomics AG
APPLICANT: Epigenomics AG
TITLE OF INVENTION: Diagnose von bedeutenden genetischen Parametern innerhalb des MHC
FILE REFERENCE: E01/1208/WO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/10312841 Publication No. US20030186277A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 2
                  DE 10013847.00

DE 10019058.8

DE 10019173.8

DE 10033829.7

DE 10043826.1

PRIOR FILING DATE: 2001-03-15
2000-04-06
2000-04-07
                                                                                                                                                                                                                                                                                                                                                                                          Sequence 309, Application US/10221613 
Publication No. US20040029123A1 
GENERAL INFORMATION:
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Matches 103; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/312,841
CURRENT FILING DATE: 2002-12-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                 APPLICANT: OLEK, ALexander
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with Cell Cycle
FILE REFERENCE: 5013.1004
CURRENT APPLICATION NUMBER: US/10/221,613
CURRENT FILING DATE: 2002-09-13
PRIOR APPLICATION NUMBER: PCT/EP01/02945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE: OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 3673778
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1328464 АТАТСССТТААТСТАЛААТААСАЛААТТТАЛАСТТТАЛААЛАЛАЛАСТКСТСТАЛАЛАЛА 1328405
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1328524 ТАСАЛАЛАЛАЛАЛАЛАЛАСТТІСТІСТІСТАСАТІСТАЛАЛАЛАТАЛІТССАЛІЛАСТАЛАТ 1328465
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1328584 ТАСТАСЛАЛТССАЛЛАЛАСАСАСТІТЛАЛЛАССАСТАЛЛІСЛАЛЛІЙАСЛАТАССАСАТА 1328525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1328404 AAAAAAATAAAA 1328392
2000-06-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         696 ТААСАААААСАСАСТСААСТААСТСССТАСТТГССАСАТССААААТААСТАСАААССАГТ 755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              816 АГСТБСАГБТАБТТААСАБААААСБАТСТСВАСТАБААТБААБАСТАСБЕТААГЛАТБА 875
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    756 AATAAAATGTTAAAATAATTTCTCAATTCGGCTGTGATATATTTTTTCCAAGATAATTTA 815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            876 СААААААААААА
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Pred. No. 0.94;
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NUMBER OF SEQ ID NOS: 428

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LENGTH: 6030
                                                                                                                                                                                                                                                                             Query Match 5.4%;
Best Local Similarity 51.4%;
                                                                                                                                                                                                                                                                 Matches 111; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: unsure LOCATION: (576)
                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                  5427 AACAAAACTTATTTATTAACTACTAAAAAAAAAA 5392
                                                                  5547 ACAACTATAAAAACTAAAATATTTTTCAAATTATCAAATTTAATTTCCAAAAATCCTTAAAA 5488
                                                                                                                                                                                                                                  673 TOAGATTTAAACGCCCCACATGCTAAGAAAAACACAGTGAACAAAGTGGCTAGTTTCCAG 732
                                 853 ААТАААGАСТАСССТААТААТСАСААААААААААА 888
                                                                                                 793 TATATTTTTTCCAAGATAATTTAATCTGCATGTAGTTAACAGAAACAATCTCAACTAGA 852
                                                                                                                                                                 733 АПССБАБЛАТБАСТАСБАБСБАТТБАПБАБАТСТТАБАБТТСТСБАБТТССССТСТСБ 792
                                                                                                                                                                                                                                                                    Score 48; DB 12; I
Pred. No. 0.046;
0; Mismatches 105;
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Search completed: March 23, 2004, 04:30:48
Job time: 465 secs

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Database :
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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Perfect score:
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Issued Patents NA:*

1: /cgm2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgm2_6/ptodata/2/ina/6B_COMB.seq:*
3: /cgm2_6/ptodata/2/ina/6B_COMB.seq:*
4: /cgm2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgm2_6/ptodata/2/ina/pcTUS_COMB.seq:*
6: /cgm2_6/ptodata/2/ina/backfiles1.seq:*
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888
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Copyright (c) 1993 - 2004 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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ALIGNMENTS

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TYPE: F1	
; COMPUTER READABLE FORM;	
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ADDRESSEE: Foley & Lardner	
PONDENCE ADDRESS	
ENCES: 52	
NVENTION: RECOMBINANT FOWLDOX	
FALKNER, F. G.	
SCHEIFLI	
ANT: DORNER F	
GENERAL INFORMATION:	
; Sequence 14. Application To / popping	
US-08-232-463-14/c	

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US-09-642-703-20
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; OTHER INFORMATION: Incyte ID No. 6524799 6899373
US-09-642-703-20
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SOFTWARE: PERL Program
SEQ ID NO 20
LENGTH: 3574
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Wall
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 20, Application US/09642703 Patent No. 6524799
                                                                                                                                                                                                                                                                                                                            Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Krasnow, Randi E.
TITLE OF INVENTION: SPARC-RELATED PROFILE REFERENCE: PC-0015 CIP
CURRENT APPLICATION NUMBER: US/09/642,703
CURRENT FILING DATE: 2000-08-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                        Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       391 TIGACGAGGTICAGTGCTGCGCAAGTAATGGAGAATGCTACTGTGTGGATAAGAAAGGAA 450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   451 AAGAACTTGAAGGCACAAGACAACAGGGAAGGCCAACCTGCGAAAGACACCTAAGCGAAT 510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   751
                                                                                                                            509 TGTGGCGAGGATGGCTCCTTTACCCAGGTGCAGTGCCATACTTACACTGGGTACTGCTG
                                                                                                                                                                                                                449 GAGCGGGCTCAAGCCCTGGAGCAAGCCAAGAAGCCTCAGGAAGCTGTGTTTGTCCCAGAG 508
                                                                                                                                                                                                                                                          513 GAGGAAGCTCGAATCAAGGCGCATTCAAACAGTCTTCGTGTTGAGATGTTCGTGCCAGAG 572
                                          569
                                                                                   633 TGCGTCGATGAAGGAGGGGTAAAGGTACCAGGTTCCGATGTCAGATTTAAACGCCCCACA
                                                                                                                                                                                                                                                                                                     109;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CATGCTAAGAAAAACACAGTGAACAAAGTGGCTAGTTTCCAGATCGAAAATAACTACAAA 750
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GGTGCGTCGATGAAGGAGGGGTAAAGGTACCAGGTTCCGATGTCAGATTTAAACGCCCCA 690
                                                                                                                                                                     TGTTTAGAAGATGGATCATATAACCCAGTACAGTGCTGGCCTAGCACAGGATACTGTTGG
TGCTAAGAAAAACACAGTGA 712
                                        TOTOTOTOACCCCGGATGGGAAGCCCATCAGTGGCTCTTCTGTGCAGAATAAAACTCCTGTA 628
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                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3.1%;
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54.5%;
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27; Mismatches 152; Indels
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                                                                                                                                                                                                                                                                                                                              Score 54.4; DB 4;
Pred. No. 3.3e-06;
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                                                                                                   692
                                                                                                                                            568
                                                                                                                                                                                       632
                                                                                                                                   FIFTE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication TITLE OF INVENTION: by Assessing DNA Methylation
FILE REFERENCE: 5013.1012
CURRENT APPLICATION NUMBER: US/10/204,708
CURRENT FILING DATE: 2003-05-06
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: DCT/EP01/03971
PRIOR FILING DATE: 2000-04-06
PRIOR FILING DATE: 2000-04-06
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR PILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR PILING DATE: 2000-04-07
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PRIOR PILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR PILING DATE: 2000-04-07
PRIOR PILING DATE: 2000-04-07
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US-09-642-703-22
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US-10-204-708-65/c
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LENGTH: 462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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Patent No. 6524799
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 65, Application US/10204708 Patent No. 6677731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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PRIOR FILING DATE: 19
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PERL Program
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Walker, Mic
APPLICANT: Krasnow, Randi
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/642,703
CURRENT FILING DATE: 2000-08-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE:
                                                                                 NUMBER OF SEQ ID NOS:
SEQ ID NO 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. 6524799 6898356H1
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: OLEK, Alexander APPLICANT: PIEPENBROCK, Christian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                            PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 98
               ORGANISM: Artificial Sequence
                                        TYPE: DNA
                                                             ENGTH: 5360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           513 GAGGAAGCTCGAATCAAGGCGCATTCAAACAGTCTTCGTGTTGAGATGTTCGTGCCAGAG 572
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       573 TGTTTAGAAGATGGATCATATAACCCAGTACAGTGCTGGCCTAGCACAGGATACTGTTGG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            221 TéTGGCGAGGATGCTTTÁCCCAGGTGCAGTGCCATACTTACACTGGGTÁCTGCTGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      633 TGCGTC 638
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        80;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PC-0015 CIP
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Pred. No. 4.4e-06;
D; Mismatches 46;
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Length 462; Indels

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Gaps

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; NAME/KEY: misc_feature
; LOCATION: 16
; OTHER INFORMATION: n=a, g, c or t
US-09-621-976-18033
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4.6%; Score 41; DB 4; Length 474;
Best Local Similarity 17.6%; Pred. No. 0.012;
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SEQ ID NO 18033
LENGTH: 474
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No. 6639063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
                                       211 KGRRRÁMTTTTYYKKKKWRSYWAARGKTTKKWAAMMMMMCMAWYMRSMMYYYKKWAAAWK 152
                                                                              243 GGAAAAGAGATTCTAGGAACCAAGATCCGTGGATCTCCGGGATTGCCAGCCGCAGAAAAGCC 302
                                                                                                                                                            184 AGTTCGAAGAAAAACAATGCTGGGGATCGACTGGTTA-CTGTTGGTGTGGGATGAAGAT 242
                                                                                                                                                                                                                                             124 AGGCCTCGGCTAACAGTGGTCTGATAGGTACTTATGTACCACAATGCAAAGAAACGGGAG 183
                                                                                                                                                                                                                                                                                      391 TTTTCACAGAMAGTWTTWAWCCYTTTTWWKRMMYTTKRRRWWRGKWWTCYTAWKSCYWW 332
                                                                                                                                                                                                                                                                                                                                                                      451 KĠŚĊTYMAARGRWYCYYCMRRMYTKĠCATCĆĆAAAGTGCTGĠGATTACAGACATGAGACA 392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1661 AAAAAAAAA 1653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1721 АВААЛАААСЛААЛАЛАЛАЛАЛАТИТСТАСЛАТТТАСТЛАСТТТСТТАТЛАСЛАЛАЛАЛА 1662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1841 ААЛАЛАТЛАТТААЛАЙСКАТАССАССКАСАСАЛАЛТАЛАССКСТАТАСКАСТАСЛАСА 1782
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                                                                                                                                                                                                                                                                                                                               64 TATTCATTGCTTGTGCTATAACTTCAACTGAAGCTAGTCTAACCAAATGCCAACAGCTCC 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             880 АААААААА 888
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                                                                                                                                                                                                                                                                                                                                                                                                                  4 TGGCTCTTAGCCAAAACCAAGCCAAGTTTTCCAAAGGATTCGTCGTGATGATTTGGGTAC 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             79;
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                                                                                                                     YMWKÖCYWWWRKYCCMRKKRRRGKKRARSYKĠSYKGGSYTYYKGGKKGGGTKGGKAMSK 212
                                                                                                                                                                                                     YSRWKKKGRAAMYKRRGGKYMRRAARRWTWARRAAMYTWWTYMWKGSCMWKSMMMRKWRK 272
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative 162; Mismatches 208; Indels
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52.4%;
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APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication
FILE REFERENCE: 5013.1012
CURRENT APPLICATION NUMBER: US/10/204,708
CURRENT FILING DATE: 2003-05-06
PRIOR APPLICATION NUMBER: PCT/EP01/03971
PRIOR FILING DATE: 2001-04-06
                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                             Sequence 60, Application US/10204708 Patent No. 6677731
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APPLICANT: GUEGLER, KAR1 et al

TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC

TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES

TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                          Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best
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CURRENT APPLICATION NUMBER: US/09/751,389
CURRENT FILING DATE: 2001-01-02
NUMBER OF SEQ ID NOS: 8
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NAME/KEY: misc_feature
LOCATION: (1)...(78643
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 786431
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                609626 TCCAAAAA 609633
                                                                                                                                                                                                                                                                                                                                                                                                                                   609566 GTGATATGTTAAATTAAAACCAAAATTAAACGAAGTTTTGGAAATAATAGACACTAGGGAC 609625
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    609446 TCATTTTTAAAGACCCTACTATGTAAAAATGAGACAAAAATATGAGCAGCTAATTTTCTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          789 GTGATATATTTTTTCCAAGATAATTTAATCTGCATGTAGTTAACAGAAAACAATCTCAAC 848
                                                                                                                                                                                                                                                                                                                                                                                                       849 TAGAAATA 856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             733 ATCGAAAATA----ACTACAAAGGATTAATAAAATGTTAAAATAATTTCTCAATTCGGCT 788
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                673 TCAGATTTAAACGCCCCACATGCTAAGAAAAACACAGTGAACAAAGTGGCTAGTTTCCAG 732
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      103;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  423 GAATGCTACTGTGTGGATAAGAAAGGAAAA 452
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     151 SCCCMARKKGGSSGRWYMWKRRGTCMRGRRRWYSRRRMCMWYCTKGSMAMMMSGKKRAAM 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            31 CMRSYWMYTKGGRRGNCSRRGSMRGGAGAA 2
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Pred. No. 0.95;
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                                                                   ; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-204-708-10
                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/204,708
CURRENT FILING DATE: 2003-05-06
PRIOR APPLICATION NUMBER: PCT/EP01/03971
PRIOR FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-06
PRIOR FILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-04-07
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: DE 10032529.7 PRIOR FILING DATE: 2000-06-30
                                                                                                                                                                                SEQ ID NO 10
             Query Match 4.5%;
Best Local Similarity 53.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication
TITLE OF INVENTION: by Assessing DNA Methylation
TITLE OF THE DEPENDENCE. Enty 1012
 Matches
                                                                                                                                                                                                               PRIOR FILING DATE: 2000-06-30 PRIOR APPLICATION NUMBER: DE 10043826.1 PRIOR FILING DATE: 2000-09-01
                                                                                                                                                                                                                                                                                                                                                                                                                          THE REFERENCE: 5013.1012
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 6156
                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                              ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4966 ATACAATCTACAAACCAACACTAATATATATATCGAAATTACTAATTACTTATTCTTAAA 4907
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      741 TAACTACAAAGGATTAATAAAATGTTAAAATAATTTCTCAATTCGGCTGTGATATATTTT 800
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Score 40; DB 4; Length 6070; Pred. No. 0.095; O; Mismatches 70; Indels
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ORGANISM: Cuphe
IMMEDIATE SOURCE:
LIBRARY: genomi
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MOLECULE TYPE:
HYPOTHETICAL: 1
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NAME/KEY:
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OPERATING SYSTEM:
SOFTWARE: Patenti
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             NAME/KEY:
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Sequence 32, Application Patent No. 6133506
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 01-MAR-1996 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: DE P4329951.2
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ClTEg1
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1140 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1850 Base pairs
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                                                                                                                                                TATA-Signal
1553..1556
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1428..1432
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RESULT 10
US-08-605-106-4/c
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Patent No. 5910631
                                                                                                                                              INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                               TOPULOU. TYPE: : D
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           ORGANISM: Cuphea lanceolata IMMEDIATE SOURCE:
                                        ORIGINAL SOURCE:
                                                      HYPOTHETICAL:
ANTI-SENSE: No
                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-373-6900
                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Woessner, Warren D
REGISTRATION NUMBER: 30,4
                                                                                                                                                                                                                                                                              CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP94/02935
FILING DATE: 01-MAR-1996
                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 23-SEPT-1:
                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Topfer, R.
APPLICANT: Martini, N.
APPLICANT: Schell, J.
TITLE OF INVENTION: MEDIUM CHAIN-SPECIFIC THIOESTERS
NUMBER OF SEQUENCES: 14
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                                                                                                      STRANDEDNESS:
                                                                                                                    TYPE: nucleic acto
    LIBRARY:
                                                                                                                               LENGTH: 4098 Base pairs
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OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE:
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Local Similarity 58.3%; Pred. No. 0.059;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         253 TTTTTTTAAAAGAATTTAÄÄATATÄTTTÄAATTTTAAAAAÄTATTTAAÄATTTCÄÄAA 194
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                                                                                                                                                                                        612-339-3061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         E: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
genomic Lambda FIX II
                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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                                                                            : DNS (genomic)
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                                                                                                       double stranded
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Best Local Similarity
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NAME/KEY: CDS
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                                                                                                                                          AATATTTCAATAATTCATAAAATATTACAAA 163
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3672..3941
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3460..3671
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2658..2791
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2295..2657
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1797..1799
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1787..2294
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..3303, 3391..3459, 3672..3941)
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RESULT 11
US-09-790-988-1/c
Sequence 1, Application US/09790988
Patent No. 6632935
GENERAL INFORMATION:
APPLICANT: SHIGENOH, SHUJI
APPLICANT: WATANABE, HIDEMI
APPLICANT: HATTORI, MASSHIRA
APPLICANT: SAKAKI, YOSHIYUKI
TITLE OF INVENTION: GENOME DNA OF BACTERIAL SYMBIONT OF APHIDS
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62; Indels

1; Gaps

254

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/790,988
CURRENT FILING DATE: 2001-02-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 98
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 081356/0159
                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: DE 10019058.8 PRIOR FILING DATE: 2000-04-06 PRIOR APPLICATION NUMBER: DE 10019173.8 PRIOR FILING DATE: 2000-04-07 PRIOR APPLICATION NUMBER: DE 10032529.7 PRIOR FILING DATE: 2000-06-30 PRIOR FILING DATE: 2000-06-30
                                                                                                                                                                           Query Match
Best Local 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication TITLE OF INVENTION: by Assessing DNA Methylation FILE REFERENCE: 5013.1012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, CI
APPLICANT: BERLIN, Kurt
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PRIOR FILING DATE: 2001-04-06
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CURRENT FILING DATE: 2003-05-06
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                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: DE 10043826.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        182029 AATTTTATTTTTAAAAAAAACATTCTGAACTGCATTAATAAAAAACGAACTAAAGTAATC 181970
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     ССАСТАТАСТАВТАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАСЛАТСЯЛАЛАЛАСТЛАТТТАЛСТАС 1182
                                                                                CGAAAATAACTACAAAGGAITAATAAAATGTTAAAATAATTTCTCAATTCGGCTGTGATA 794
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Pred. No. 1.
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Pred. No. 0.13;
0; Mismatches 104;
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US-10-204-708-34/c
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US-09-489-847-89
                     RESULT 14
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LENGTH: 5455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: OLEK, Alexander APPLICANT: PIEPENBROCK, Christian APPLICANT: BERLIN, Kurt
                                                                                                                                                                                                                                                                                                                                                                     Matches
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PRIOR FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication TITLE OF INVENTION: by Assessing DNA Methylation FILE REFERENCE: 5013.1012 CURRENT APPLICATION NUMBER: US/10/204,708 CURRENT FILING DATE: 2003-05-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 98
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: DE 10032529.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               795 ТАТІТТІТІССААСАТААТІТЛАТСІБСАТСТАСТТААСАДАЛААСАДІСТССААСТЯСАДА 854
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            855 TAPAGACTACGGTAATAATGACAAAA 880
                                                                                                                                                                                                                                                                                               3178 БАЙСБАЙАТАНТАНАСАССТАТНАГСССАНСТАННАЙАННОГНАНАЙСВАНАЙНСЬЙ 3119
                                                                            2998
                                                                                                                                                 3058 АСАВТВАВАЙСБАЙАСТССАТСТСАЙАВАЙАЙЙЙЙЙЙЙЛАВАЙАВАВАЙВАЙДАВАЙДАЙДАЙ 2999
                                                                                                                                                                                                                      3118 ТТАВАССССВАЙАВАТАВАВАТТАСВАТАВАСТВАВАТВАТАССАТТВСАСТССВАССТВА
                                                                                                                                                                                                                                                                                                                                 702 АЛАСАСАЯТБЛАСАЛАБТББСТАБТТТССАБАТСБЛАДАТЛАСТАСАЛАББАТТАЛТЛАЛ 761
                                                                                                                                                                                                                                                                                                                                                                         94;
                                                                                                                                                                                                                                                          ATGTTAAAATAATTTCTCAATTCGGCTGTGATATATTTTTTCCAAGATAATTTAATCTGC
                                                                            AAAAAA 2993
                                                                                                               AAAAAA
                                                                                                                                                                                   ATGTAGTTAACAGAAACAATCTCAACTAGAAATAAAGACTACGGTAATAATGACAAAAA 881
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GENERAL INFORMATION:
APPLICANT: Rosen et al
TITLE OF INVENTION: 98 Human Secreted Proteins
FILE REFERENCE: P2031P1

CURRENT APPLICATION NUMBER: US/09/489,847 CURRENT FILING DATE: 2000-01-24 Sequence 89, Application US/09489847 Patent No. 6476195

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APPLICANT: DIEER, Alexander
APPLICANT: DIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt
ITILE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication
ITILE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication
ITILE OF INVENTION: DNASSESSING DNA Methylation
CURRENT APPLICATION NUMBER: US/10/204,708
CURRENT FILING DATE: 2003-05-06
PRIOR APPLICATION NUMBER: PCT/EP01/03971
PRIOR FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR APPLICATION NUMBER: DE 10032529.7
                                                                                          ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens) US-10-204-708-55
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US-10-204-708-55/c
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PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; LENGTH: 1342
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-489-847-89
  Query Match 4.3%; Score 38.4; DB 4; Best Local Similarity 49.0%; Pred. No. 0.4; Matches 102; Conservative 0; Mismatches 106;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 59
Patent No.
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EARLIER FILING DATE: 1998-08-05
EARLIER APPLICATION NUMBER: 60/096,319
EARLIER FILING DATE: 1998-08-12
EARLIER APPLICATION NUMBER: 60/095,454
EARLIER FILING DATE: 1998-08-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
4.3%; Score 38.4; DB 4; Length 1342;
Best Local Similarity 55.1%; Pred. No. 0.13;
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                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                            LENGTH: 11015
TYPE: DNA
                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  EARLIER APPLICATION NUMBER: 60/095,455
EARLIER FILING DATE: 1998-08-06
NUMBER OF SEQ ID NOS: 376
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EARLIER FILING DATE: 1999-07-29
EARLIER APPLICATION NUMBER: 60/094,657
EARLIER FILING DATE: 1998-07-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               813 TTAATCTGCATGTAGTTAACAGAAACAATCTCAACTAGAAATAAAGACTACGGTAATAA 872
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     753 ATTAATAAATGTTAAAATAATTTCTCAATTCGGCTGTGATATATTTTTTCCAAGATAAT 812
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               55, Application US/10204708
o. 6677731
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches 61;
                                            DB 4; Length 11015;
    Indels
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  0;
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5750 TACCAAATTAAAAAAATCTAATCAATAA 5723
                                                                5870 CCGTATTACTATABÁTATÁCÁCTATABAAACTABABABATCACABABACTATABABATÁCABT
                                                                                                                                                                                                           5930 TCAAAATCAATTCATTCGAATAAAAACAAAACTAACTTCAAATCTAATCCCCAAACCTTA 5871
                                                                                                  799 ТТТТССААСАТААТТТААТСТБСАТБТАСТТААСАБААААСААТСТСААСТАБАААТААА 858
                                                                                                                                                                         739 AATAACTACAAAGGATTAATAAAATGTTAAAATAATTTTCTCAATTCGGCTGTGATATATT 798
                                                                                                                                                                                                                                               679 TTAAACGCCCCACATGCTAAGAAAAACACAGTGAACAAAGTGGCTAGTTTCCAGATCGAA, 738
                                GACTACGGTAATAATGACAAAAAAAAAA 886
                                                                                                                                         5811
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Search completed: March 23, 2004, 02:48:29 Job time: 116 secs

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